

**Nesting Data for Violet-green Swallows at Quail Hollow Ranch County Park
Santa Cruz Bird Club Nest Box Project
2002-2024**

Season	Box	Nest Start	Egg Start	Clutch Complete	# in Clutch	Hatch Date	Incubation Days	Fledge Date	# of Days* Hatch-Fledge	# Fledged	Unhatched Eggs	Dead Chicks
2002	20A	--	--	--	3	--	--	--	--	3	0	0
2003	20A	4-May	--	--	5	--	--	--	--	3	0	2
2004	8	21-May	--	--	4	--	--	--	--	4	0	0
2004	19A	1-May	--	--	4	--	--	--	--	4	0	0
2004	20B	9-May	23-May	26-May	4	--	--	--	--	4	0	0
2004	23A	23-May	--	--	5	--	--	--	--	4	0	1
2005	13B*	20-May	27-May	31-May	5	14-Jun	14	--	--	5	0	0
2005	20A	24-Apr	21-May	25-May	5	7-Jun	13	--	--	5	0	0
2006	3	1-Jun	6/9?	6/12?	4	6/27-6/28	14?	13-Jul	16+?	4	0	0
2006	20	2-May	24-May	28-May	5	6/11-6/12	14-15*	6-Jul	22-23*	5	0	0
2007	8	8-May	2-Jun	5-Jun	4	21-Jun	16	12-Jul	21-22*	4	0	0
2007	20	26-Apr	23-May	27-May	5	10-Jun	14	2-Jul	22	3	2	0
2007	23B	24-May	27-May	29-May	3	6/14-6/15	16-17*	5-Jul	20-21*	3	0	0
2007	3B	5-May	19-May	22-May	4	6/5-6/6	14-15*	26-Jun	21-22*	3	NA	NA
2008	3	7-May	18-May	21-May	4	4-Jun	14	28-Jun	24	3	1	0
2008	8	4-May	21-May	24-May	4	6/7-6/8	14-15*	3-Jul	24-25*	1	0	3
2008	13	27-Apr	22-May	25-May	4	9-Jun	15	5-Jul	26	4	0	0
2008	20	13-Apr	16-May	19-May	4	6-Jun	18	22-Jun	16-20*	2	2	0
2008	23A	29-Apr	21-May	--	4	NA	NA	NA	NA	0	4	0
2008	23B	same nest	17-Jun	6/18?	2 **	3-Jul	15?	26-Jul	23	2	0	0
2009	5	6-May	20-May	24-May	5	6-Jun	13	28-Jun	23	5	0	0
2009	13	3-May	18-May	21-May	4	4-Jun	14	28-Jun	24	4	0	0
2009	15	8-May	19-May	23-May	5	5-Jun	13	28-Jun	23	5	0	0
2009	20	6-May	16-May	19-May	4	2-Jun	14	25-Jun	23	4	0	0
2009	22	10-May	20-May	23-May	4	6-Jun	14	30-Jun	24	4	0	0
2009	23	20-May	27-May	31-May	5	14-Jun	14	9-Jul	25	5	0	0
2010	3	2-May	18-May	22-May	5	6-Jun	15	29-Jun	23	5	0	0
2010	5	1-May	21-May	25-May	5	9-Jun	14	4-Jul	25	5	0	0
2010	19	5-May	27-May	31-May	5	18-Jun	18	7-Jul	19-21*	4	1	0
2010	25	19-May	26-May	29-May	4	13-Jun	15	6-Jul	23	4	0	0
2010	11B	23-May	30-May	2-Jun	4	16-Jun	14	10-Jul	24	4	0	0
2010	12B	22-May	30-May	3-Jun	5	No hatch	NA	NA	NA	NA	5	0
2010	18B	11-May	2-Jun	5-Jun	?	Abandoned	NA	NA	NA	NA	NA	NA
2010	18C	18-Jun	23-Jun	26-Jun	4	10-Jul	14	2-Aug	23	4	0	0
2011	5	7-May	27-May	29-May	3	15-Jun	17	9-Jul	24	2	1	0
2011	8	5-May	12-Jun	15-Jun	4	29-Jun	14	26-Jul	27	3	1	0
2011	17	8-May	24-May	27-May	4	12-Jun	16	?	?	1	3	0
2011	19	19-May	2-Jun	5-Jun	4	22-Jun	17	?	?	3	1	0
2011	20B	14-Jun	16-Jun	19-Jun	4	3-Jul	14	30-Jul	27	4	0	0

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2011	22	8-May	24-May	28-May	5	11-Jun	14	6-Jul	25	5	0	0
2011	23	15-May	28-May	1-Jun	5	15-Jun	14	9-Jul	24	5	0	0
2012	21	6-May	22-May	26-May	5	11-Jun	16	5-Jul	24	2	3	0
2012	22B	Post 6/25	NA***	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	23	10-May	1-Jun	4-Jun	4	18-Jun	14	15-Jul	27	4	0	0
2012	27	20-May	24-May	27-May	4	11-Jun	15	4-Jul	23	4	0	0
2012	30	8-May	22-May	26-May	5	10-Jun	15	4-Jul	24	5	0	0
2013	3	30-Apr	17-May	20-May	4	3-Jun	14	N/A	NA	0	0	4
2013	19	1-May	18-May	22-May	5	6-Jun	15	3-Jul	27	5	0	0
2013	22	13-May	24-May	26-May	3	10-Jun	15	3-Jul	23	3	0	0
2013	33	11-May	22-May	25-May	4	9-Jun	15	1-Jul	22	4	0	0
2013	34	8-May	23-May	26-May	4	10-Jun	15	4-Jul	24	4	0	0
2013	35	8-May	19-May	23-May	5	8-Jun	16	4-Jul	26	4	0	0
2014	25	11-May	20-May	24-May	5	7-Jun	14	30-Jun	23	5	0	0
2014	37	29-Apr	17-May	20-May	4	3-Jun	14	27-Jun	24	4	0	0
2015	19	17-May	1-Jun	4-Jun	4	17-Jun	13	9-Jul	22	3	1	0
2015	20B	26-May	1-Jun	4-Jun	4	17-Jun	13	13-Jul	26	4	0	0
2015	22	8-May	22-May	26-May	5	9-Jun	14	3-Jul	25	1	4	0
2015	24	10-May	19-May	22-May	4	6-Jun	15	29-Jun	23	1	3	0
2015	37	29-Apr	13-May	17-May	5	31-May	14	23-Jun	23	5	0	0
2015	38	13-May	22-May	26-May	5	9-Jun	14	3-Jul	24	5	0	0
2016	19	11-May	22-May	26-May	5	9-Jun	14	4-Jul	25	5	0	0
2016	22	20-Apr	20-May	23-May	4	7-Jun	15	30-Jun	23	4	0	0
2016	25	20-Apr	21-May	24-May	4		NA	NA	NA	0	4	0
2016	34	8-May	20-May	23-May	4	9-Jun	17	4-Jul	25	3	1	0
2016	37	21-Apr	20-May	24-May	5	7-Jun	14	2-Jul	25	5	0	0
2016	38	1-May	24-May	28-May	5		NA		NA	0	5	0
2017	21	10-May	23-May	27-May	5	11-Jun	14	5-Jul	24	3	2	0
2017	22	23-Apr	16-May	20-May	5	13-Jun	14	27-Jun	23	5	0	0
2017	24	1-May	17-May	20-May	4	4-Jun	15	28-Jun	24	3	1	0
2017	29	5-May	24-May	27-May	4	11-Jun	15	5-Jul	24	4	0	0
2017	30	29-Apr	9-May	13-May	5	29-May	16	20-Jun	22	4	1	0
2017	34	23-Apr	18-May	21-May	4	4-Jun	14	26-Jun	22	3	1	0
2017	37B	20-May	27-May	30-May	4	13-Jun	14	7-Jul	24	4	0	0
2017	38	29-Apr	17-May	21-May	5	4-Jun	14	29-Jun	25	5	0	0
2018	19	23-May	1-Jun	5-Jun	5	18-Jun	13	15-Jul	27	4	0	1
2018	22	25-Apr	4-Jun	7-Jun	4	21-Jun	14	18-Jul	27	4	0	0
2018	25	10-May	19-May	23-May	5	6-Jun	14	2-Jul	26	4	0	1
2018	29	5-May	22-May	26-May	5	10-Jun	15	7-Jul	27	4	0	1

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2018	30B	28-May	9-Jun	12-Jun	4	25-Jun	13	20-Jul	25	4	0	0
2018	34	29-Apr	19-May	22-May	4	7-Jun	16	30-Jun	23	4	0	0
2018	35	27-May	6-Jun	8-Jun	3	21-Jun	13	15-Jul	24	2	1	0
2018	37	25-Apr	13-May	17-May	5	1-Jun	15	25-Jun	24	5	0	0
2018	38	25-Apr	18-May	23-May	6	6-Jun	14	1-Jul	25	5	1	0
2018	39	10-May	25-May	28-May	4	11-Jun	14	5-Jul	24	4	0	0
2019	19	4-May	25-May	30-May	6	14-Jun	15	9-Jul	25	5	1	0
2019	22	14-May	25-May	28-May	4	12-Jun	15	6-Jul	24	4	0	0
2019	25	4-May	19-May	25-May	4	7-Jun	13	2-Jul	25	4	0	0
2019	29	10-May	27-May	30-May	4	13-Jun	14	8-Jul	25	4	0	0
2019	31	17-Apr	14-May	19-May	6	3-Jun	15	29-Jun	26	5	1	0
2019	34	21-Apr	14-May	17-May	4	4-Jun	17	26-Jun	22	2	2	0
2019	35	6-May	17-May	23-May	5	5-Jun	13	30-Jun	25	5	0	0
2019	37	23-Apr	9-May	14-May	6	28-May	14	22-Jun	25	5	1	0
2019	38	24-Apr	13-May	17-May	5	2-Jun	16	26-Jun	24	5	0	0
2019	39	9-May	14-May	18-May	5	2-Jun	15	27-Jun	25	5	0	0
2020	1B	28-May	1-Jun	4-Jun	4	18-Jun	14	3-Jul	15	*	0	2
2020	20B	31-May	5-Jun	7-Jun	3	NA	NA			0	1	**
2020	22	28-Apr	19-May	21-May	3	5-Jun	15	28-Jun	23	3	0	0
2020	24	19-May	21-May	25-May	5	9-Jun	15	29-Jun	20	4	0	1
2020	29	14-May	27-May	30-May	4	12-Jun	13	7-Jul	25	3	0	1
2020	30	21-Apr	8-May	12-May	5	26-May	14	21-Jun	26	5	0	0
2020	31	29-Apr	21-May	25-May	5	9-Jun	15	2-Jul	23	5	0	0
2020	36	25-May	27-May	29-May	3	13-Jun	15	8-Jul	25	1	2	0
2020	38	2-May	14-May	18-May	5	2-Jun	15	28-Jun	26	5	0	0
2020	39	10-May	23-May	27-May	5	11-Jun	15	5-Jul	24	4	0	1
2020	40B	18-Jun	27-Jun	28-Jun	2	13-Jul	15	7-Aug	25	2	0	0
2021	1	11-May	28-May	31-May	4	14-Jun	14	10-Jul	26	4	0	0
2021	19	15-May	25-May	29-May	5	12-Jun	14	8-Jul	26	3	1	1
2021	22	1-May	23-May	27-May	5	9-Jun	13	5-Jul	26	5	0	0
2021	25	15-May	28-May	1-Jun	5	14-Jun	13	10-Jul	26	5	0	0
2021	29	1-May	14-May	18-May	5	2-Jun	15	28-Jun	26	4	1	0
2021	31	2-May	20-May	24-May	5	8-Jun	15	2-Jul	24	5	0	0
2021	34B	NA	NA	NA	2	4-Jul		30-Jul	26	1	1	0
2021	38B	12-Jun	16-Jun	18-Jun	3	3-Jul	15	28-Jul	25	2	1	0
2021	40	1-May	21-May	24-May	4	8-Jun	15	2-Jul	24	4	0	0
2022	25	7-May	22-May	26-May	5	9-Jun	14	3-Jul	24	5	0	0
2022	29	6-May	26-May	29-May	4	12-Jun	14	7-Jul	25	3	1	0
2022	30B	20-May	24-May	27-May	4	11-Jun	15	4-Jul	23	3	1	0

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2022	37A	23-Apr	9-May	12-May	4	n/a				0	3	0
2022	37B	N/A	2-Jun	5-Jun	4	20-Jun	15	12-Jul	22	4	1	0
2022	3	1-May	15-May	19-May	5	4-Jun	16	26-Jun	24	4	1	0
2022	39	1-May	21-May	24-May	4	7-Jun	14	1-Jul	24	2	2	0
2022	40	15-May	23-May	26-May	4	9-Jun	14	4-Jul	25	4	0	0
2023	20	8-Jun	11-Jun	14-Jun	3	29-Jun	15	22-Jul	23	3	0	0
2023	22	11-May	18-May	22-May	5	7-Jun	16	1-Jul	24	4	1	0
2023	25	11-May	30-May	3-Jun	5	16-Jun	13	11-Jul	25	4	1	0
2023	29	10-May	17-May	21-May	5	5-Jun	15	29-Jun	24	3	0	2
2023	35	1-Jun	10-Jun	12-Jun	3	26-Jun	14	20-Jul	24	2	1	0
2023	37	24-May	31-May	4-Jun	5	18-Jun	14	14-Jul	26	4	1	0
2023	40	15-May	20-May	24-May	5	9-Jun	16	NA		0	1	4
2024	20	10-May	19-May	22-May	4	6-Jun	15	30-Jun	24	3	1	0
2024	22	17-Apr	5-May	9-May	5	23-May	14	17-Jun	25	5	0	0
2024	25	11-May	20-May	23-May	4	6-Jun	13	2-Jul	26	4	0	0
2024	29	17-Apr	5-May	9-May	5	25-May	16	18-Jun	24	2	2	1
2024	37	17-Apr	7-May	10-May	4	24-May	14	17-Jun	24	4	0	0
2024	39	19-Apr	3-May	7-May	5	23-May	16	15-Jun	23	4	1	0
2024	40	21-Apr	11-May	14-May	4	29-May	15	22-Jun	24	4	0	0
2024	41	26-May	2-Jun	5-Jun	4	21-Jun	16	14-Jul	23	4	0	0
2024	42	21-Apr	12-May	16-May	5	1-Jun	16	25-Jun	24	3	2	0
Total		138	131		589					482	81	26
Range		Apr 13-Jun 18	May 3-Jun 27	May 7-Jun 28	3-6	May 23-Jul 10	13 - 18	Jun 15-Aug 2	22 - 27			
Mode/Average					4	4.4	14	14.6	24	24.2	4	3.6

Note - cells with a ? Mark present were omitted in any and all calculations

* indicates that this data was used in the calculation of the range, but not for the mode or average

**Box 23B, 2008: incomplete clutch due to fire/helicopter - clutch omitted for # in clutch range

***Missed nest start. 7/29 J Williams reported both adults feeding & staying in/at the nest for 10 seconds. On Sep 2, removed flattened VGSW nest--no eggs/ dead chicks.